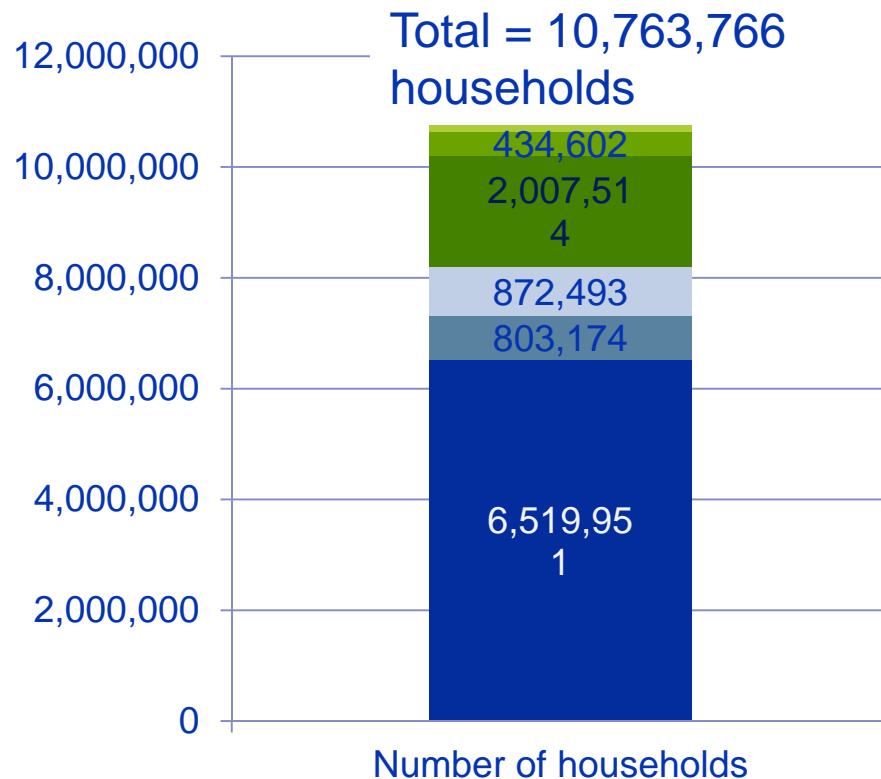
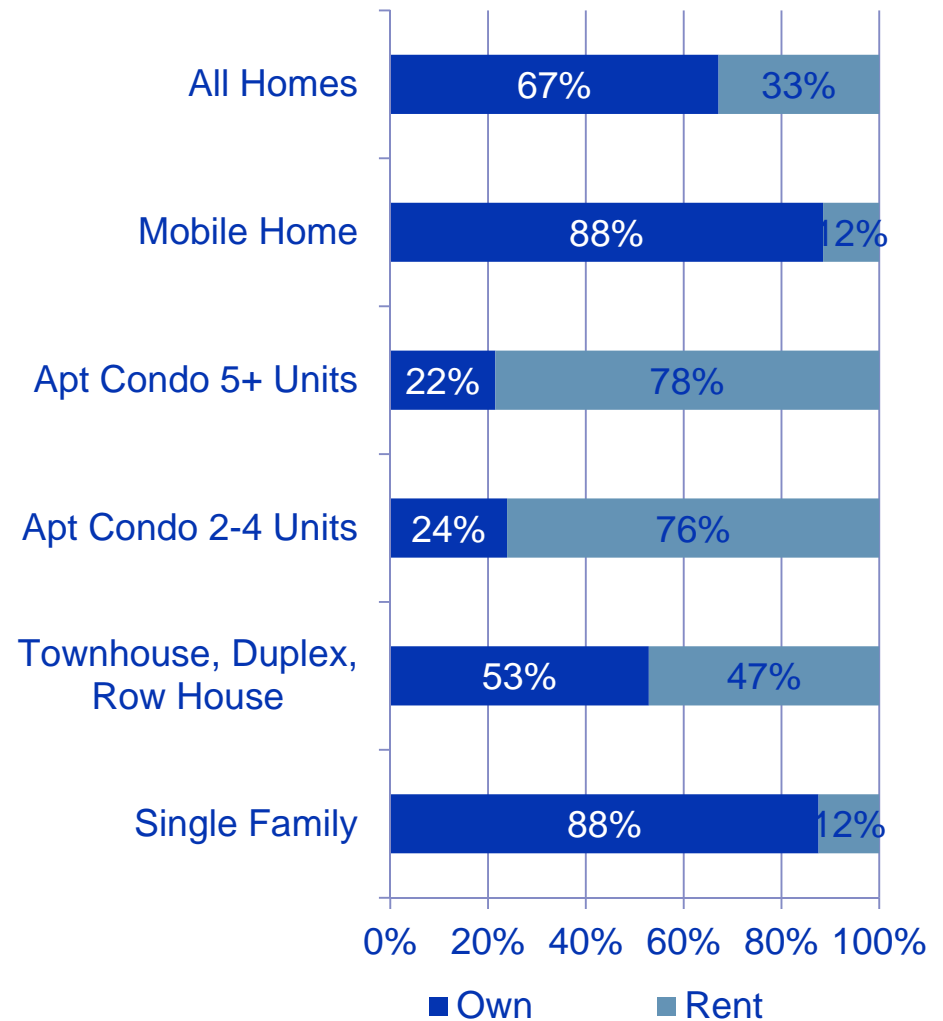


# Profile of California's Residential Building Sector

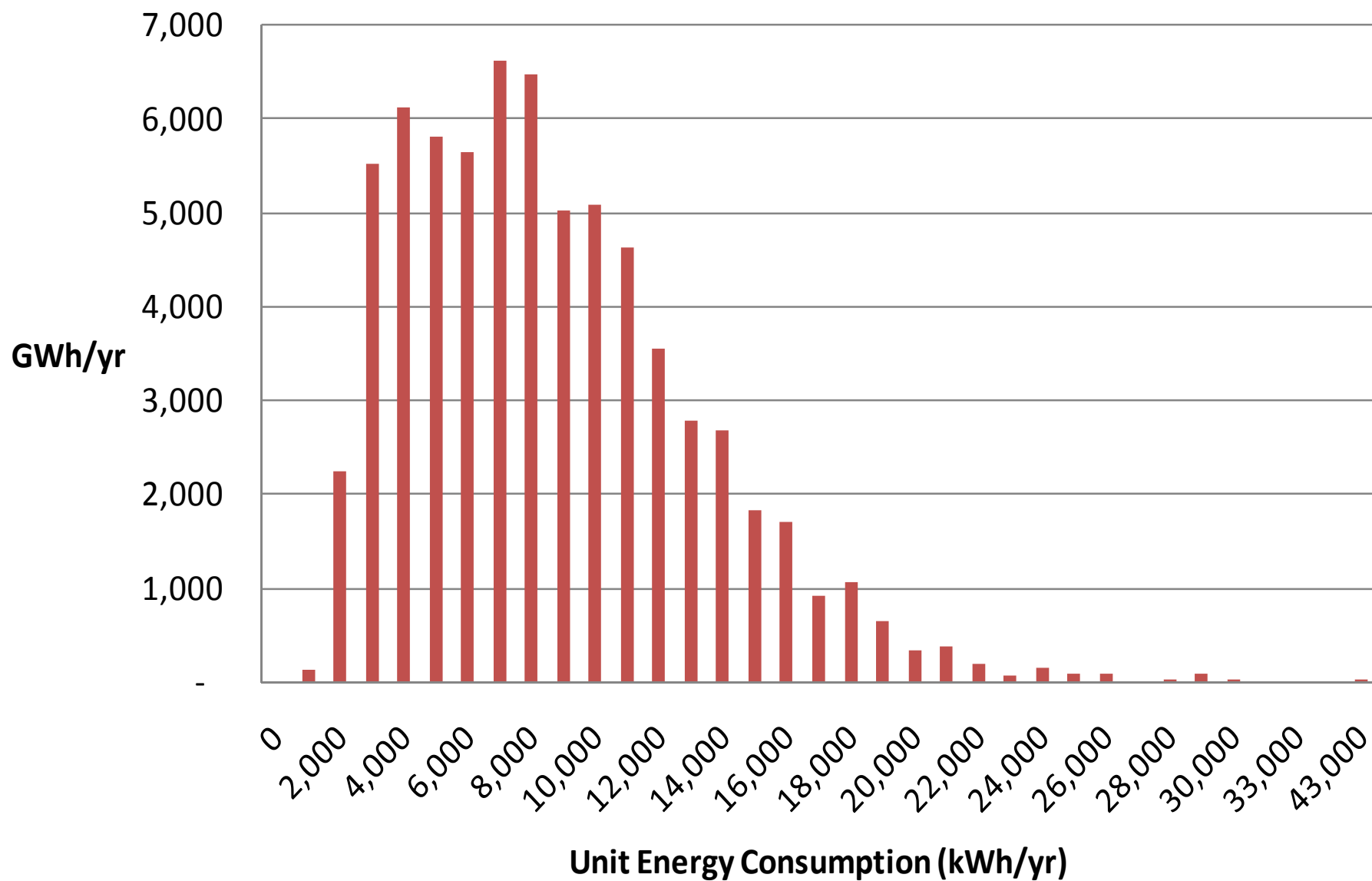
## Households by Dwelling Type and Ownership



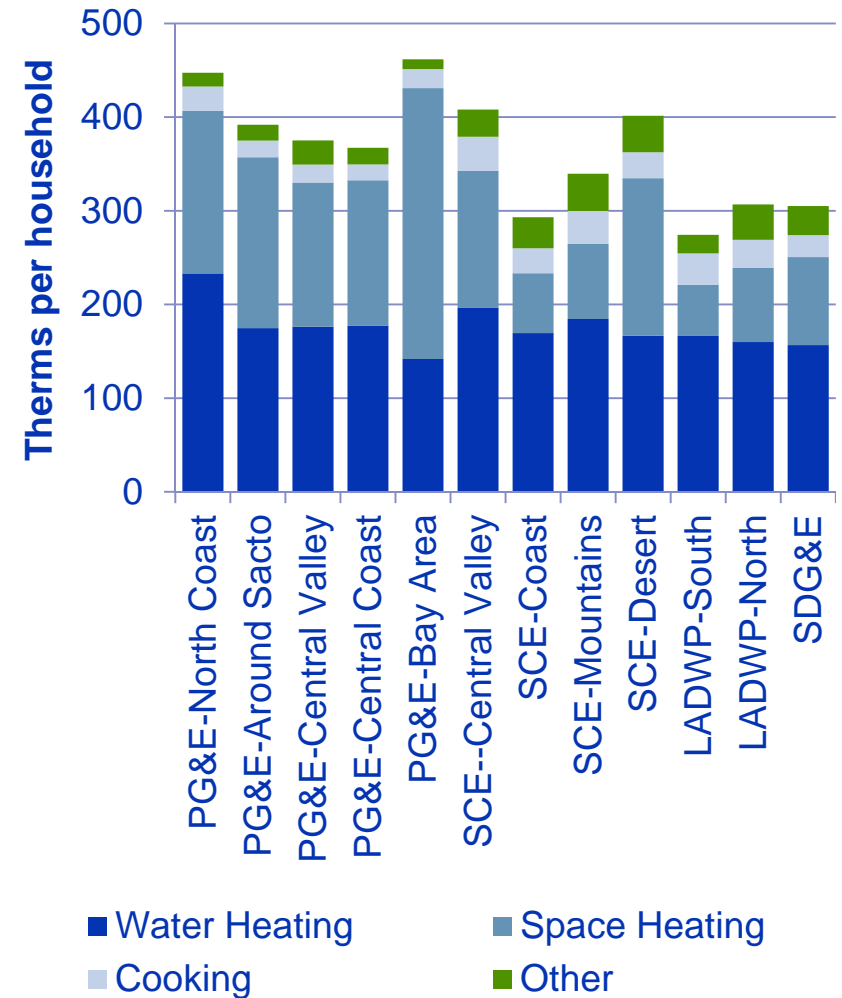
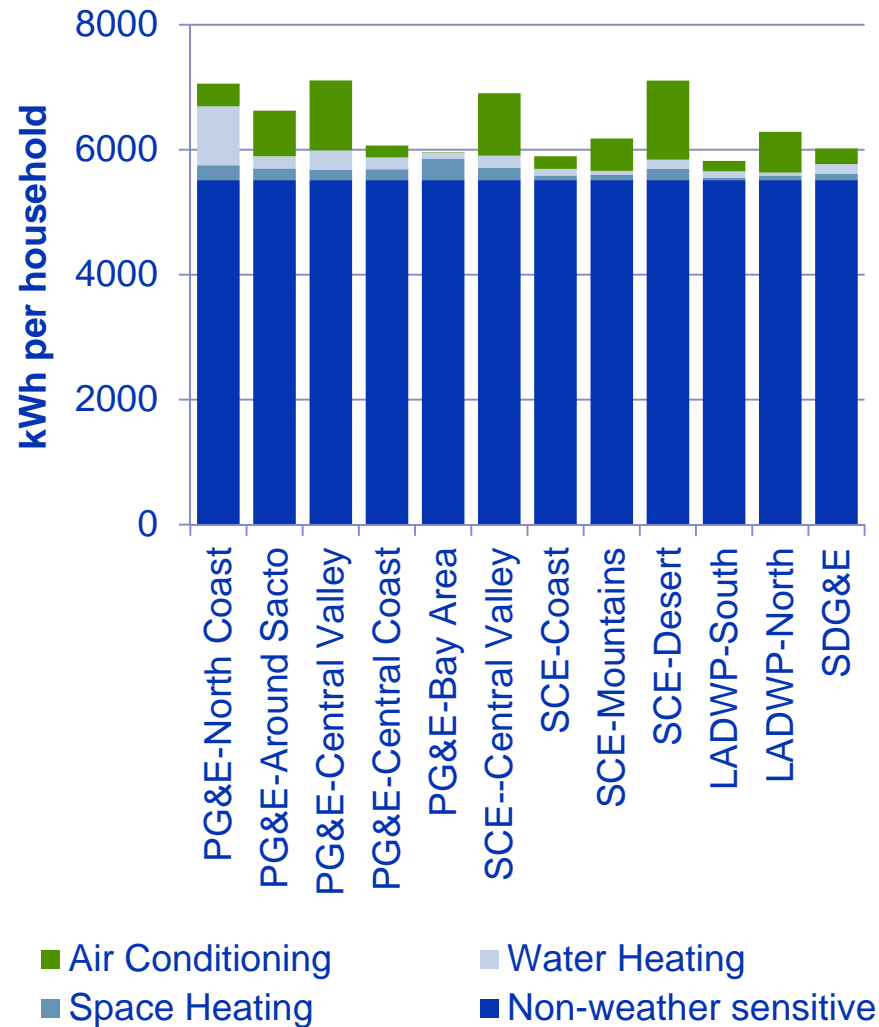
- Other
- Mobile Home
- Apt Condo 5+ Units
- Apt Condo 2-4 Units
- Townhouse, Duplex, Row House
- Single Family



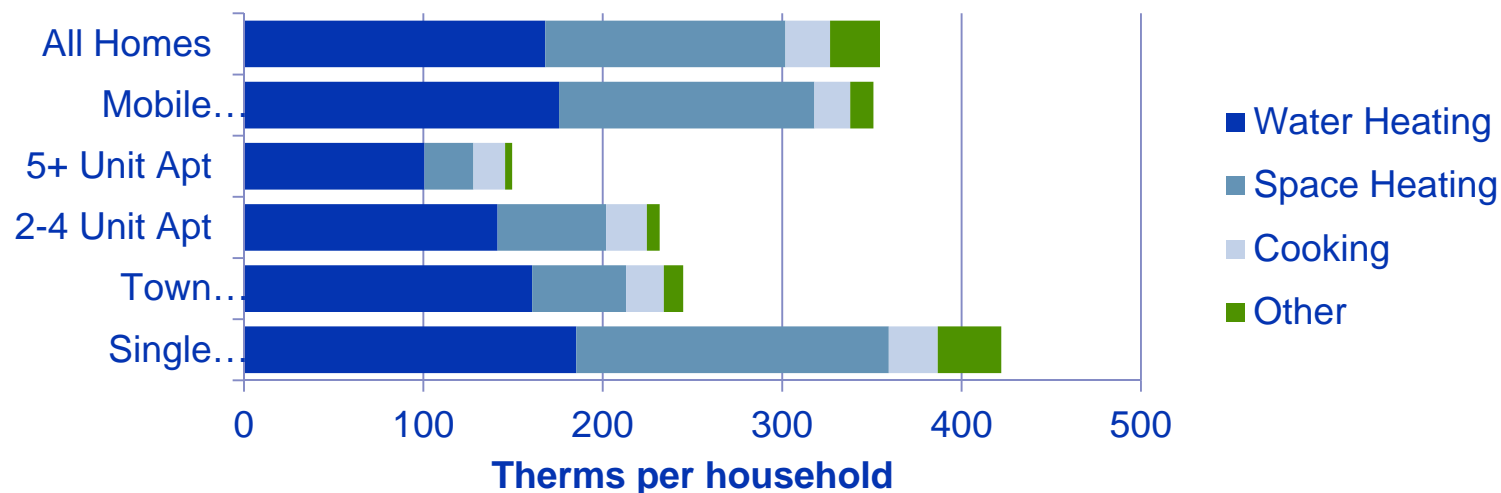
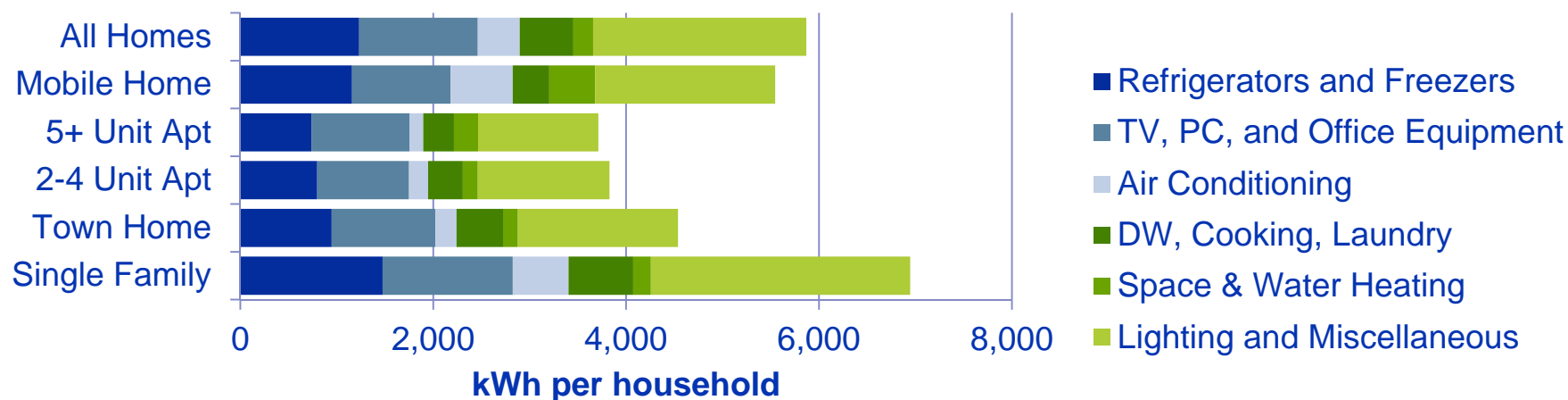
## Distribution of Statewide Energy Use by Unit Energy Consumption



# Energy Use by Climate Zone

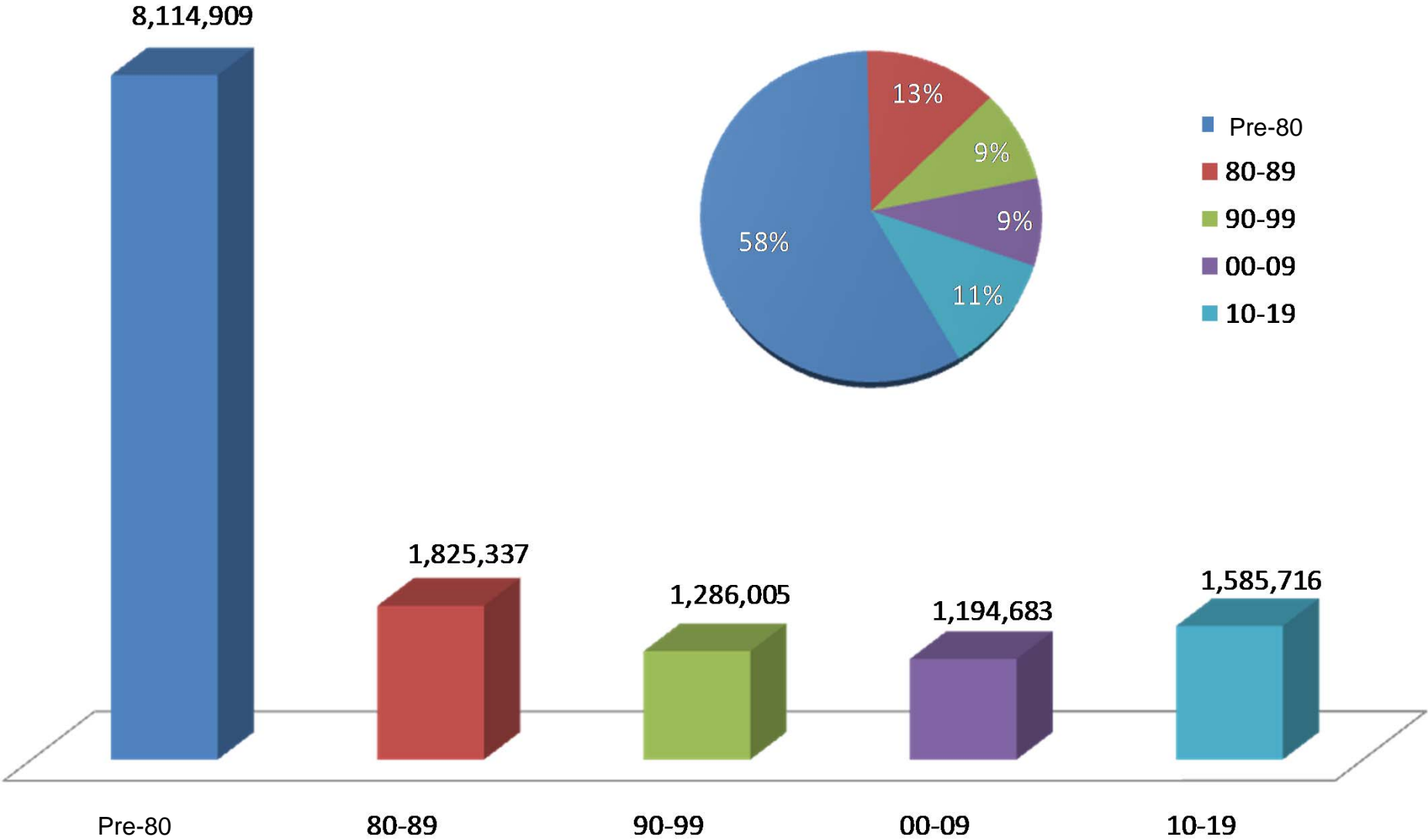


# Energy Use by Dwelling Type

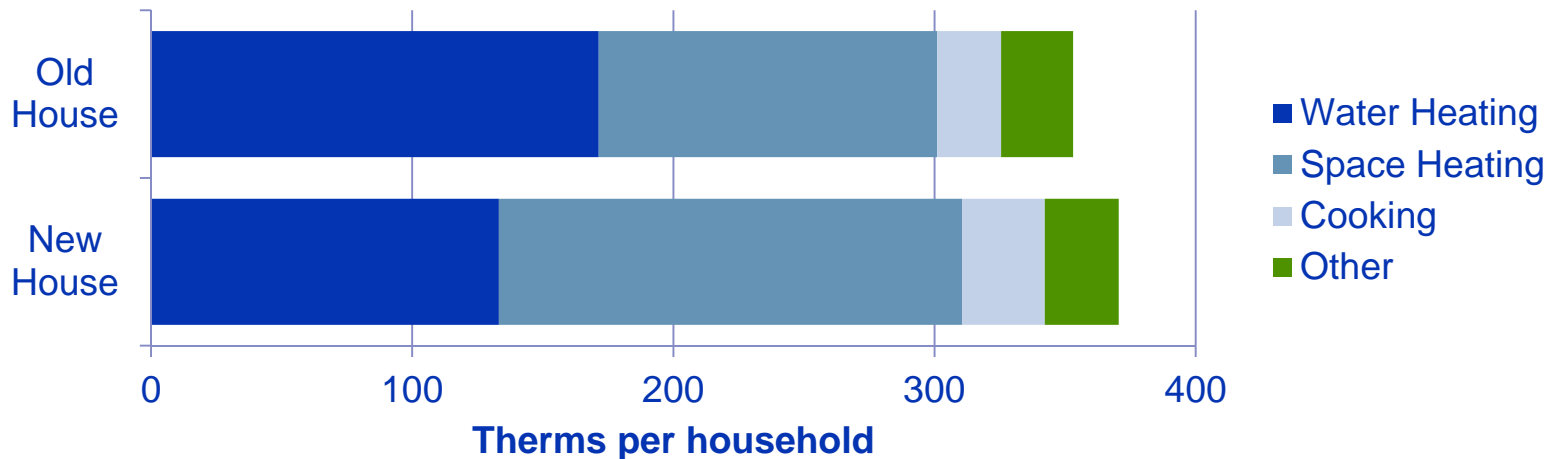
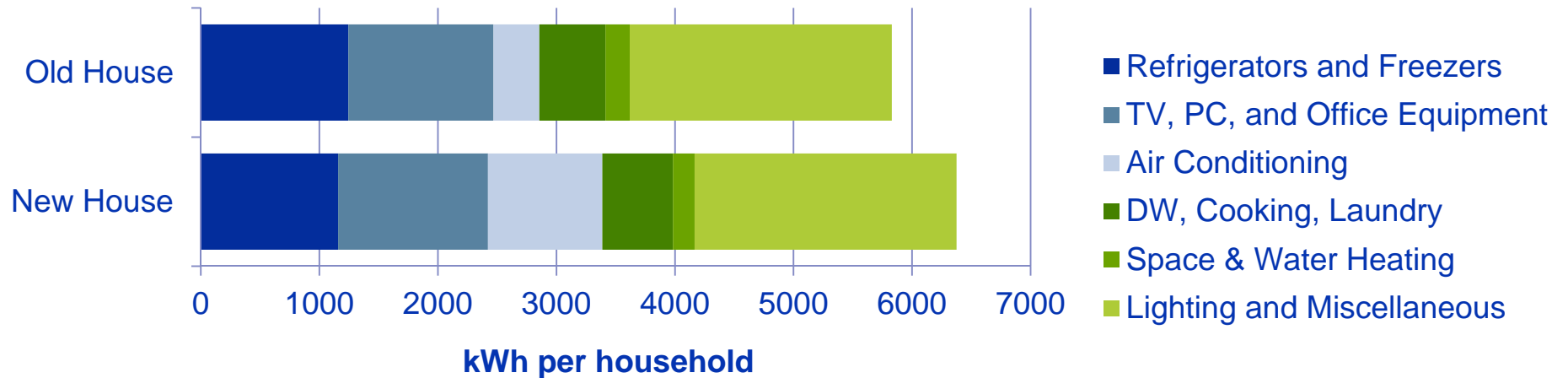


Source: Analysis of 2009 RASS data, DNV KEMA

Existing Homes by Construction Decade



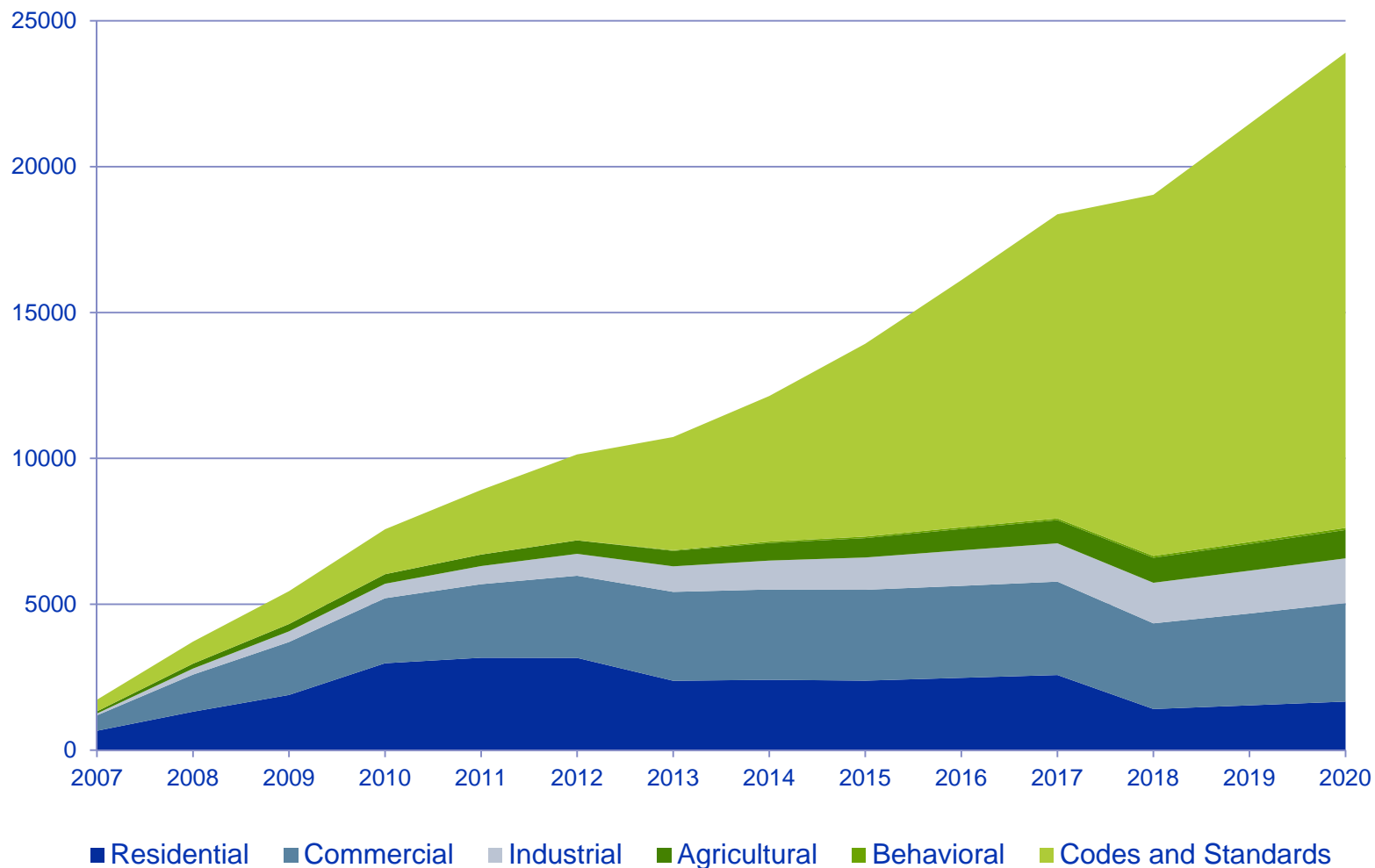
# Energy Use by Vintage



Note: Old houses are those built *prior to 2001*; new houses are those built *2001 or later*

# Cumulative Market Potential Reflects the Shift of EE to Codes & Standards

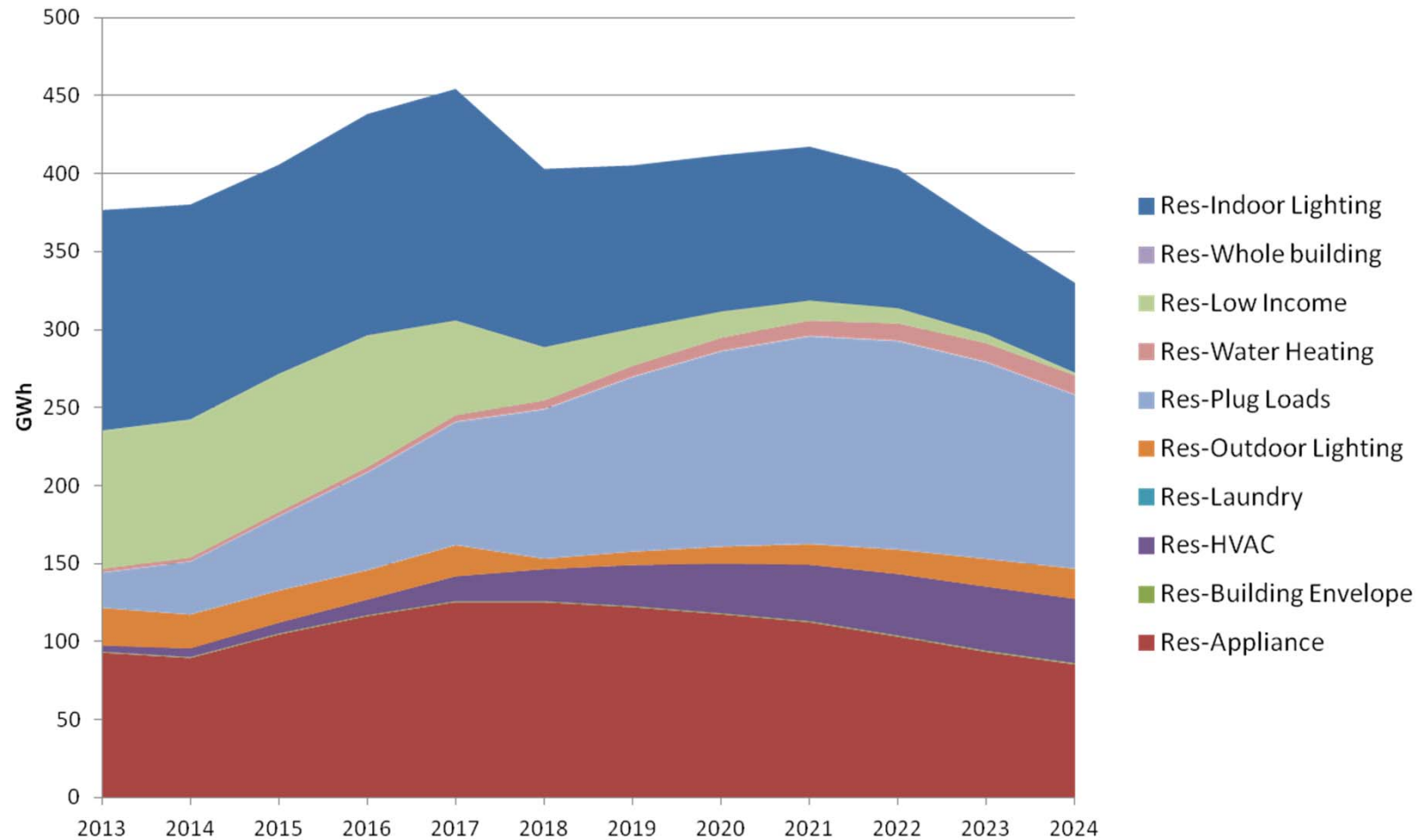
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# Growing Source of Residential EE

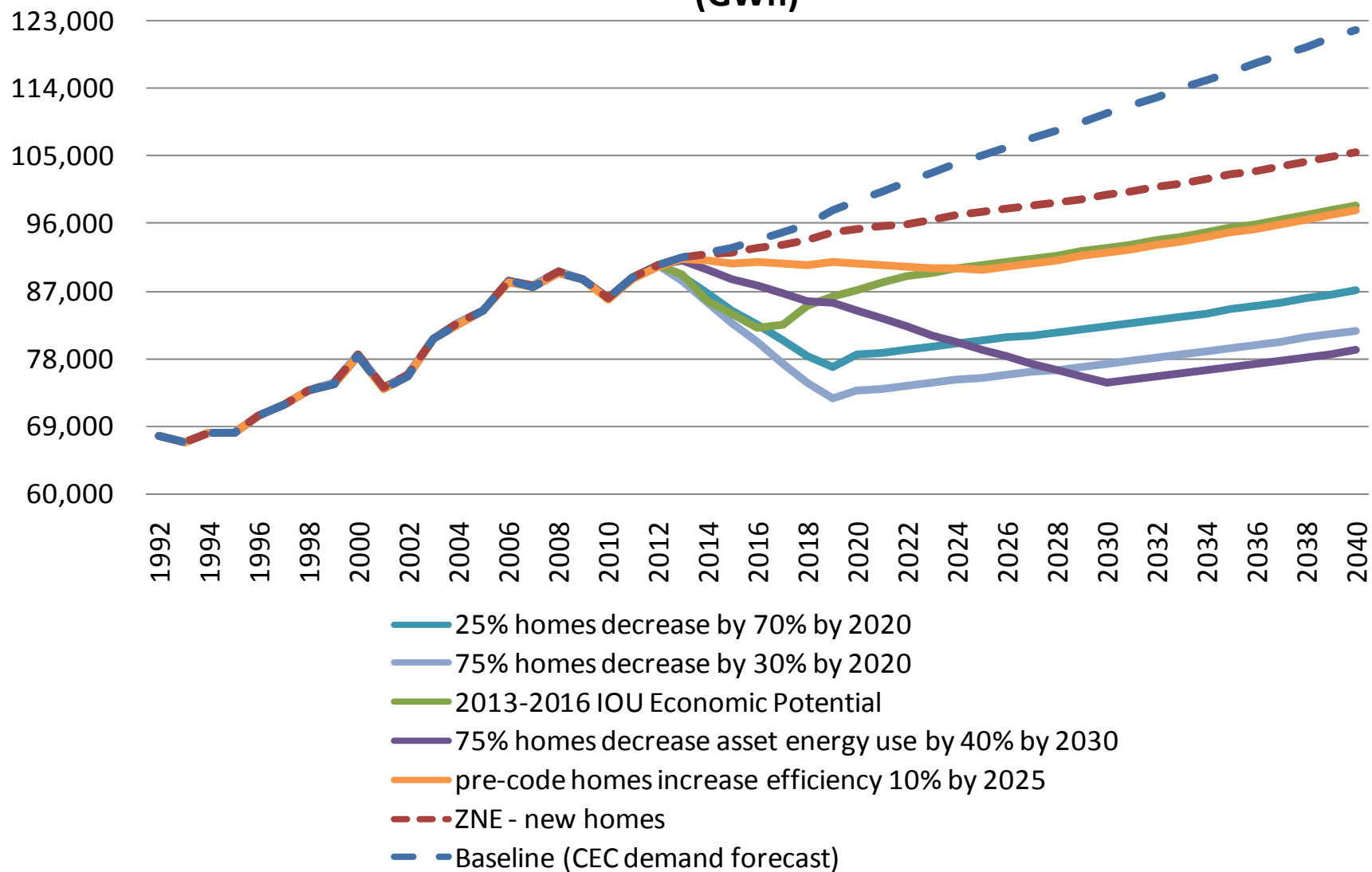
## Potential is Plug Loads

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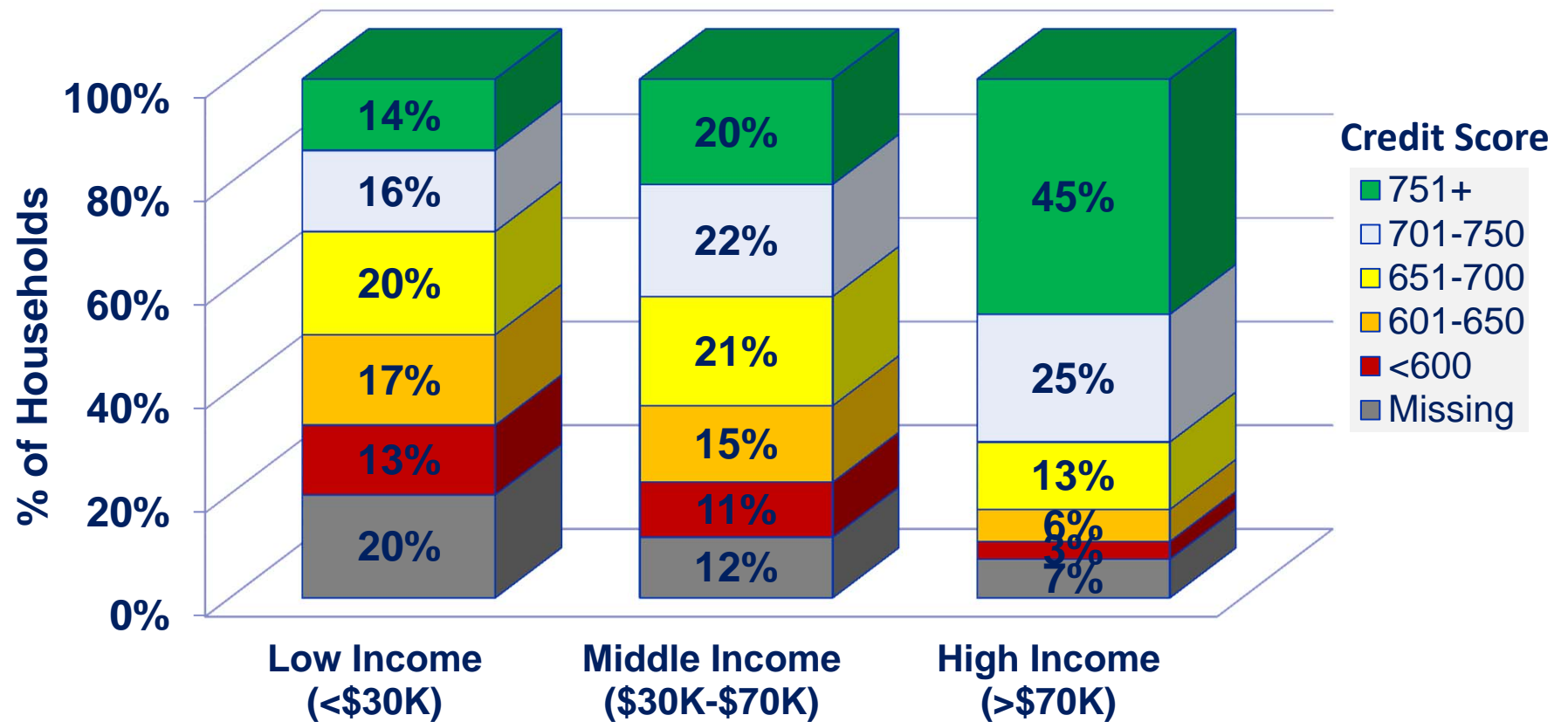
(GWh)



## Qualifying for Credit

Credit scores are a key metric for lenders in evaluating creditworthiness.

- California's MI households are likely to have lower credit scores than their higher income peers (70% of CA's HI households have credit scores > 700 v. 42% of MI households).



# Comparison of Newer and Older Dwellings

	Newer Dwellings (Built after 2001)	Older Dwellings
Annual Electric Household Consumption (kWh)	6,645	6,262
Annual Gas Household Consumption (therms)	358	347
Dwelling Size (sq ft)	2,020	1,521
Number of Residents	4.16	5.12
Income	\$84,837	\$68,051
Percent Single Family	68%	60%
Percentage Own	78%	67%
Saturation of Central AC	84%	51%
Programmable Cooling Thermostat	87%	66%
Gas Primary Heating	78%	78%
Exterior Wall Insulation Throughout	88%	48%
Attic Insulation	90%	70%
Double Pane Windows Throughout	80%	42%
Average Number of CFLs per Home	12.25	8.79

# Comparison of Household Characteristics by Income

	Low Income (<\$25,000)	Moderate Income (\$25,000- \$74,999)	High Income (>\$75,000)
Percentage of Population	24%	40%	36%
Dwelling Size (sq ft)	1,149	1,420	1,942
Dwelling Age (yrs)	37.8	36.7	33.9
Percentage Single Family	41%	58%	75%
Percentage Own	42%	65%	84%
Number of People	6.38	4.30	3.78
Annual Electric Household Consumption (kWh)	4,313	5,887	8,013
Annual Gas Household Consumption (therms)	249	316	437
Central Air Conditioning Saturation	45%	53%	61%
Gas Heating Saturation	68%	78%	84%
Work at Home	13%	17%	32%
Programmable Heating Thermostat	57%	63%	78%
Dwellings With CFLs	83%	87%	85%